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PLANTS NEW TO MISSOURI

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SINCE the publication in 1935 of "An Annotated Catalogue of the Flowering Plants of Missouri" by Palmer and Steyermark,¹ the junior author has made extended expeditions into remote and previously uncollected areas of the state. The main purpose of these explorations has been to gather additional records for completing ranges of species in the state in connection with the preparation by the two authors of a manual of the flora of Missouri and adjacent Ozark region. These trips have yielded valuable additions to the state flora, and in many cases have extended considerably the ranges of a number of species in the last edition of Gray's Manual.

Of the 38 new records given below, 24 are species entirely new to Missouri, of which 6 are species of *Carex* and 2 are species of *Eleocharis*; 7 are varieties, 3 are forms, 1 was previously reported but the report has never been authenticated by a specimen, and 3 are hybrids new to the state.

All collections made by the author as given in the citations below may be found in the Herbarium of the Missouri Botanical Garden. Most of the determinations of grasses were made or verified by Mrs. Agnes Chase, of *Carex* by Dr. F. J. Hermann, of *Eleocharis* by Dr. H. K. Svenson, of *Sisyrinchium* by Mr. E. J. Alexander, and of *Liparis* by Professor Oakes Ames.

CHEILANTHES TOMENTOSA Link. This fern was suspected of occurring in the state several times, but each time the matter was checked, it was found that the specimen had been misdetermined, and the

¹ Palmer, E. J. and J. A. Steyermark, in Ann. Mo. Bot. Gard. 22: 375-758. 1935.